

ABSTRACT

A bicycle chainwheel assembly that includes at least one smaller chainwheel and at least one larger chainwheel, the chainwheels engageable by a chain. The larger chainwheel includes a first tooth and a second tooth disposed adjacent the first tooth opposite a drive rotation direction. The first tooth and the second tooth have a configuration that improves the shifting of a chain from a smaller chainwheel to the larger chainwheel. The first tooth has a lateral recess and the second tooth has a deflection chamfer. The second tooth may also have a recess. The first and second teeth have a configuration that prevents the first and second teeth from capturing the chain. An inner link plate of the chain includes a chamfer disposed on an outer side surface in a central region of the plate.